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AMENDMENTS TO SPECIFICATION

Please amend the second paragraph of page 17 as follows:

--In a subsequent iteration step, the distances $\tilde{R}_k^{(i)}$ are estimated by means of a maximum likelihood estimating method. The ~~polynomial coefficients~~ estimated distances $\tilde{R}_k^{(i)}$ can be estimated from the ~~estimated distances~~ polynomial coefficients $\tilde{m}_{t,k}^{(i)}$. Subsequently, the distances \tilde{R}_k are averaged over L reception sequences $\hat{q}_k(n)$. In a final iteration step, a reception sequence $\hat{q}_k^{(i+1)}(m)$ with the averaged estimated polynomial coefficients \tilde{m}_t is calculated as the starting point for a next iteration loop, according to

$$\hat{q}_k^{(i+1)}(m) = \hat{q}_k^{(i)}(m) \cdot \exp \left\{ j \frac{4\pi \tilde{R}_k^{(i)}}{c} \sum_{t=2}^N \tilde{m}_t (mKT_A)^t \right\} \text{--}$$